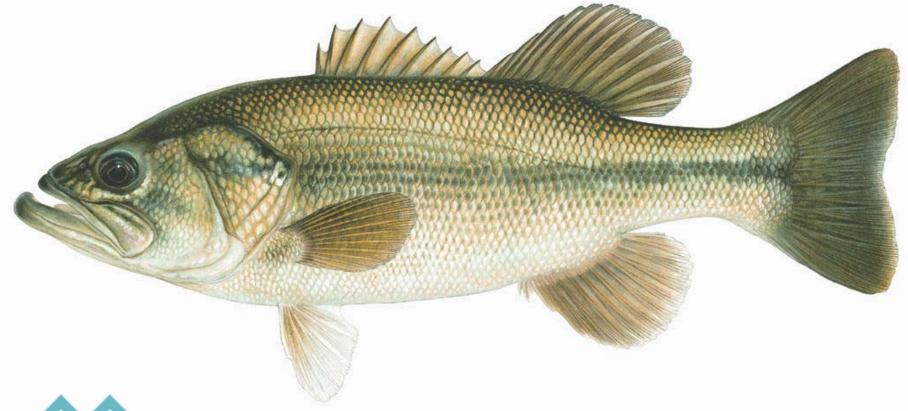
Boundary and Annexation Survey (BAS)





February 26, 2008



Topics Covered



- Introductions
- Overview
- Annexation comparison
- BAS form
- BAS maps
- Feature changes
- Other issues
- Wrap up



Overview

- Purpose
- State arrangements
- Legal disputes
- Time commitment



Key Dates



120 days



- April 1, 2008
 - Changes reflected in Population Estimates Program and American Community Survey.



- May 31, 2008
 - Changes included in BAS 2009.



Requirements



- Completed realignment process for the MTAIP (Done).
- Able to edit Census Bureau shapefile.



- Provide contact information.
- Provide legal documentation numbers and effective dates.



MTAIP



- Completed MTAIP process.
- Improving street features and boundaries in MAF/TIGER.
- Min. accuracy req't of 7.6 meters for improving location of streets in MAF/TIGER.







BAS Form

U.S. DEPARTMENT OF COMMERC Economics and Statistics Administration U.S. CENSUS BUREA											
Local Update of Census Addresses (LUCA)											
Documentation of Boundary Changes											
Government name (Please print)			Type (i.e. city, town, village, county, parish, etc.) State								
CENSUS USE ONLY	STATE	COUNTY	PLACE CODES	Former FIPS							
SPECIAL NOTES (If any)											

Print in the spaces provided below the information requested for all annexations, deannexations and other changes to your government's boundary that have occurred on or before January 1, 2008.

INSTRUCTIONS FOR ENTERING DATA IN COLUMNS:

- (1) CHANGE: Enter A for annexations, D for deannexations, B for boundary corrections, or O for other changes.
- (2) AUTHORIZATION: Enter the authorization type. (O = Ordinance, R = Resolution, L = Local Law, S = State-level action, and X = Other)
- (3) AUTHORIZATION: Enter the authorization number for the change you are reporting.
- (4) DATE: Enter the effective date of the change. (Month, day, year)
- (5) ENTITY: Enter the name of the entity (i.e. name of MCD, place, or county/equivalent) where the change occurred.
- (6) COUNTY: Enter the name of the county in which the change occurred.
- (7) MINOR CIVIL DIVISION (MCD): Enter the name of the minor civil division (if any) in which the change occurred.
- (8) AREA: Enter the estimated size (in tenths of acres) of the annexation, deannexation or other change.

Change	ange Authorization		Date	Entity	County	MCD	Area
Type A/D/B/O	Type O/R/L/S/X	Authorization Number	Month/Day Year	Name	Name	Name (If any)	Acres (tenths)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
						·	

USCENSUSBUREAU



Submitting Electronic Files



- CD or DVD for LUCA/BAS because of Title 13 and send to Denver RO
- U.S. Census Bureau
 6900 W. Jefferson Ave.
 Denver, CO 80235
 ATTN: BAS/LUCA



Annexation Comparison



- County Elections Department annexation file
- MAG annexation file
- All annexations submitted by member agencies



Shapefiles



Minimum updates

- Incorporated Places
- Edges
- Optional updates
 - Area landmarks
 - Point landmarks
 - Hydro areas



Updating BAS Shapefiles



- Copy from CD to local workspace
 - Consider using file geodatabase
 - You may work in local coordinate system
 - Create empty feature classes for
 - Change polygons (separate ones for annexations, landmarks, etc.)
 - Change edges



Editing Workflow



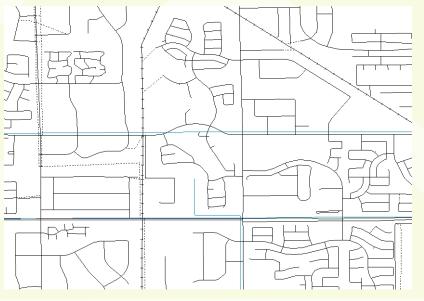
- Census' suggested editing workflow:
 - Add linear features
 - Construct polygon features from lines
 - Export change shapefiles



Boundary-to-Feature Relationships



- All annexations must be bounded by some type of edge
 - Hydro
 - Railroads
 - Roads
 - Non-visible features

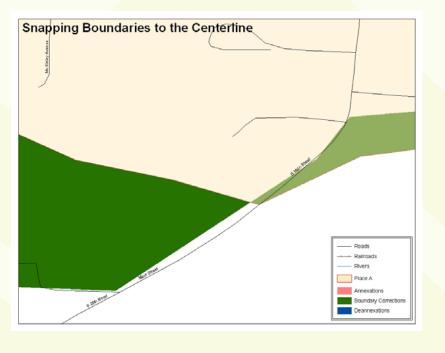




Oh, SNAP!



Gaps of 30 feet or less will be snapped to nearest linear feature by Census Bureau

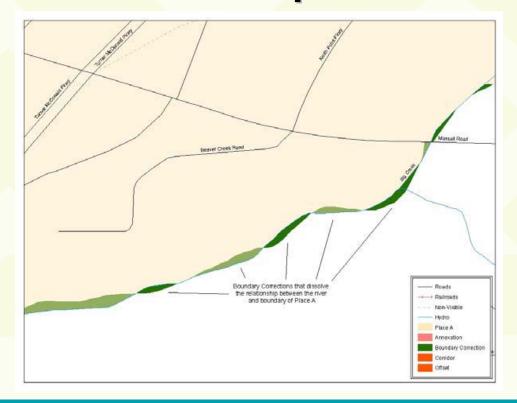




Very small corrections



 Small boundary corrections will not be accepted





Large corrections



- Will be accepted as long as you provide
 - Legal documentation
 - Effective dates



Metadata



 Census Bureau requires minimum FGDC metadata on your change shapefile submissions



Submitting Changes



- Zipped change shapefiles
- Naming conventions described in BAS handbook
- Census FTP:
 - http://www2.census.gov/cgibin/sendfile





Change types are noted in the CHNG_TYPE field

- Change types
 - Annexations (A)
 - De-annexations (D)





Change types are noted in the CHNG_TYPE field

- Change types
 - Boundary corrections (B)
 - Boundary correction relationship noted in the RELATE field
 - Add area (IN)
 - Remove area (OUT)





Change types are noted in the CHNG_TYPE field

- Change types
 - Geographic corridor (C)
 - Only right-of-ways annexed
 - Geographic offset (F)
 - Right-of-ways excluded from annexation





Change types are noted in the CHNG_TYPE field

- Change types
 - New incorporations (E)

Don't worry about this one unless you are the County



Edge Changes



Change types are noted in the CHNG_TYPE field

- Change types
 - AL Add
 - DL Delete
 - CA Rename, Recode, or Address range change



Edge Changes



Census will accept edge changes for

Feature boundaries

- Lines independent of polygon features
 - i.e. new roads



Address Breaks



- If you split a road line, you have to update the address ranges
 - LTOADD, RTOADD, LFROMADD, RFROMADD



Questions



Questions or concerns directed to:

geo.bas@census.gov

1-800-972-5651

or



Heidi Pahl hpahl@mag.maricopa.gov
Jason Howard jhoward@mag.maricopa.gov
602-254-6300